

# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

WASHINGTON, D.C. 20554

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News media information 202/418-0500 Fax-On-Demand 202/418-2830

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## Report No. 404                      EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 6/1/07 to 7/1/07:

- **WE2XEP   THE BOEING COMPANY   0583-EX-PL-2006**  
New experimental to operate in 824-896 MHz and 1930-1990 MHz for Pico Cell testing  
Mobile: Various locations in Western Continental United States
- **WE2XEB   ROBERT J. RAIDE   0676-EX-PL-2006**  
New experimental to operate on frequencies between 135.7 kHz and 185 kHz for propagation testing.  
Fixed & Mobile: Penn Yan (Yates), NY; Wayland (Middlesex), MA
- **WE2XFZ   OSU-UNIVERSITY MULTISPECTRAL LABORATORIES, LLC   0029-EX-PL-2007**  
New experimental to operate on select frequencies from 530 kHz to 107.5 MHz for providing sensor testing and evaluation services for USSOCOM.  
Mobile: Chilocco (Kay), OK
- **WE2XEH   DUKE ENERGY CAROLINAS   0283-EX-PL-2006**  
New experimental to operate in 1.7-60 MHz to operate Broadband on Power Lines (BPL).  
Mobile: Charlotte (Mecklenburg), NC, at temporary fixed locations (transportable)
- **WE2XFA   CENTERPOINT ENERGY INC   0099-EX-PL-2007**  
New experimental to operate in 2-34 MHz for testing of BPL equipment.  
Fixed & Mobile: Houston (Harris), TX, and the corner of Richmond and Las Palmas, at temporary fixed locations
- **WC2XUX   GROVE ENTERPRISES, INC.   0544-EX-PL-2006**  
New experimental to operate on 4048 kHz, 6863 kHz, 9205 kHz, 10547 kHz, 29715 kHz, 148.735 MHz, 149.46 MHz, and 150.415 MHz for antenna testing and development.  
Fixed: Brasstown, NC
- **WE2XDT   CORNELL UNIVERSITY   0293-EX-PL-2006**  
New experimental to operate on 29.795 MHz for studying plasma irregularities in the Earth's ionosphere with coherent scatter radars.  
Fixed: Kasitsna Bay (Kenai Peninsula) AK
- **WE2XFY   OSU-UNIVERSITY MULTISPECTRAL LABORATORIES, LLC   0072-EX-PL-2007**  
New experimental to operate on select frequencies from 175.25 MHz to 747.25 MHz for providing sensor testing and evaluation services for USSOCOM.  
Mobile: Flying H (Otero), NM

- **WE2XEE THE BOEING COMPANY 0649-EX-PL-2006**  
New experimental to operate in 403-405 MHz for testing a balloon tethered meteorological radiosonde system in support of weather analysis for flight operations.  
Mobile: Mesa (Maricopa), AZ
- **WE2XBV BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0304-EX-PL-2006**  
New experimental to operate in 500 – 2000 MHz for an antenna test range.  
Fixed: Greenlawn (Suffolk), NY
- **WE2XGC QUALCOMM INCORPORATED 0662-EX-PL-2006**  
New experimental to operate in 698 – 704 MHz for DVB-H Testing on Ch 52.  
Fixed: San Diego (San Diego), CA
- **WE2XFL QUALCOMM INC. 0018-EX-PL-2007**  
New experimental to operate in 698 – 704 MHz, 752 – 764 MHz and 764 – 776 MHz for MediaFlo testing and development.  
Fixed: San Diego (San Diego), CA;
- **WE2XER SCIENTIFIC RESEARCH CORPORATION 0091-EX-PL-2007**  
New experimental to operate in 698 – 704 MHz, 752 – 764 MHz and 764 – 776 MHz for testing and demonstrating of wireless data communications.  
Fixed: Townsend, GA; Huntsville, AL
- **WE2XDQ AVERY DENNISON 0553-EX-PL-2006**  
New experimental to operate in 800-1000 MHz for RFID testing.  
Fixed: Flowery Branch, GA
- **WE2XEY AIRNET COMMUNICATIONS CORPORATION 0032-EX-PL-2007**  
New experimental to operate in 824-849 MHz and 869-894 MHz for cell site handover and mobile phone drive testing.  
Mobile: Melbourne (Brevard), FL
- **WE2XBM BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0273-EX-PL-2006**  
New experimental to operate in 1350 – 1400 MHz, 1427 - 1435 MHz and 1670 - 1850 MHz for voice and data communication.  
Fixed & Mobile: Greenlawn, NY
- **WE2XCQ CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0259-EX-PL-2006**  
New experimental to operate in 1555.42 - 1595.42 MHz for GPS re-radiator  
Fixed: Carlsbad (San Diego), CA
- **WE2XDO BALL AEROSPACE AND TECHNOLOGIES CORPORATION 0222-EX-PL-2006**  
New experimental to operate on 1575.42 MHz for testing radionavigation satellite service (RNSS) equipment and systems.  
Fixed: Boulder (Boulder), CO
- **WE2XCM BUSINESS ONLY BROADBAND, LLC 0462-EX-PL-2006**  
New experimental to operate in 3400-3600 MHz for evaluating WiMax equipment.  
Fixed: Chicago (Cook), IL
- **WE2XGA WILINE NETWORKS, INC. 0126-EX-PL-2007**  
New experimental to operate in 3650-3700 MHz for test and development of wireless broadband technologies.  
Fixed: Cupertino (Santa Clara), CA
- **WE2XFN QX.NET 0095-EX-PL-2007**  
New experimental to operate in 5470-5725 MHz for testing wireless services.  
Fixed: San Diego (San Diego), CA

- **WE2XFH BIGELOW DEVELOPMENT AEROSPACE DIVISION, LLC 0593-EX-PL-2006**  
New experimental to operate in 8482-8492 MHz for communications for inflatable space vehicle research.  
Fixed & Mobile: North Las Vegas (Clark), NV; Naalehu (Hawaii), HI; North Pole (Fairbanks North Star), AK;  
Nongeostationary, North America Space to Earth
- **WE2XGB ERICSSON, INC. 0301-EX-PL-2007**  
New experimental to operate in 14.0-14.5 GHz to perform testing and demonstration of an earth station.  
Fixed: Plano (Collins), TX
- **WE2XCF THE BOEING COMPANY 0442-EX-PL-2006**  
New experimental to operate in 16.2 - 17.3 GHz for test and research of synthetic aperture radar (SAR) technology.  
Mobile: Vandalia, IL; Ft. Leonard Wood, MO
- **WE2XDJ INNOVONIX LLC 0555-EX-PL-2006**  
New experimental to operate in 35-36 GHz for testing radar sensor system capable of detecting objects in foliage.  
Mobile: Irvine, CA
- **WE2XEJ BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0591-EX-PL-2006**  
New experimental to operate in 36.7-37 GHz for testing Battlefield Target Identification Device (BTID).  
Mobile: BAE Systems Greenlawn antenna test range, Greenlawn, NY